

SLEEVE VALVE WITH ADJUSTABLE FLOW CHARACTERISTICS

Abstract

A sleeve valve has a valve body and a flow passage through the valve body. The flow passage has a longitudinal axis, a valve plug positioned therein, and a
5 slidable sleeve received therein. The sleeve is movable in an axial direction between an opened and a closed position relative to the valve plug. An interchangeable first valve plug end portion is removably mounted to part of the valve plug in the flow
passage. The first end portion is removable and replaceable with another second
10 valve plug end portion to change at least one performance characteristic of the sleeve valve. The valve plug of the sleeve valve can be selectively interchanged with a plug selected to provide one or more desired performance or flow characteristics, whether to reduce the effects of wear or to change the valve performance.